

<b>Notice of Allowability</b>	Application No.	Applicant(s)	
	10/524,092	AHVENNIEMI ET AL.	
	Examiner	Art Unit	
	Eric Hug	1791	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed August 29, 2007.
2. ☒ The allowed claim(s) is/are 18-33.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date _____</li> <li>7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
|---|---|

### EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Claim 21 has been amended as follows:

In the last paragraph--

wherein the circumference of the cylindrical reeling surface defines a circumferential direction, and the distance between the suction ~~holes~~ apertures in the circumferential direction of the reeling drum is about 10-100 mm, and the diameter of the suction apertures is 1-10 mm.

***Allowable Subject Matter***

Claims 18-33 are allowed.

The following is an examiner's statement of reasons for allowance:

Claims 18, 19, 22-26 are allowed, because in the claimed reeling device for threading a web, the prior art does not disclose or suggest a suction reeling drum wherein the drum interior is connected to a source of a lower static pressure outside the reeling drum by a tube connected to a hole situated in an axle of the reeling drum.

Claim 20 is allowed, because in the claimed reeling device for threading a web, the prior art does not disclose or suggest a suction reeling drum wherein the drum interior is connected to a source of a lower static pressure outside the reeling drum, and wherein suction apertures are arranged with 15-25 mm spacing in the circumferential direction and 6-25 mm spacing transverse to the circumferential direction.

Claim 21 is allowed, because in the claimed reeling device for threading a web, the prior art does not disclose or suggest a suction reeling drum wherein the drum interior is connected to a source of a lower static pressure outside the reeling drum, and wherein the distance between the suction apertures in the circumferential direction of the reeling drum is about 10-100 mm, and the diameter of the suction apertures is 1-10 mm.

Claims 27-33 are allowed, because in the claimed method for threading a web, the prior art does not disclose or suggest conducting a tail threading strip on a suction reeling drum connected to a source of a lower static pressure outside the reeling drum, wherein the diameter of the suction apertures of the reeling drum is 1-10 mm, wherein air is drawn through the apertures

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at a speed of 20-200 m/s to provide a suction effect sufficient to remove a boundary layer of air produced by the rotating reeling drum and motion of the tail threading strip.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Response to Arguments***

Applicant's arguments filed August 29, 2007 have been fully considered.

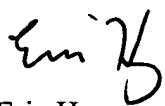
In view of the arguments and amendments to the claims, the rejections set forth previously under 35 U.S.C. 112, second paragraph, are withdrawn. All rejections under 35 U.S.C. 103(a) based on Madrzak (US 5,915,648) have been overcome.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eric Hug whose telephone number is 571 272-1192.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Steven Griffin can be reached on 571 272-1189. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
Eric Hug  
Primary Examiner